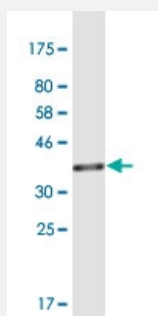


TSFM monoclonal antibody (M01), clone 3G10

Catalog # H00010102-M01

Size 100 ug

Applications



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TSFM.
Immunogen	TSFM (NP_005717.2, 161 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KVQWLTPVNLALWEAEAGGSLEGFLNSSELSGLPAGPDREGSLKDQLALAIGKLGKLMILKRAA WVKVPSGFYVGSYVHGAMQSPSLHKLVLGKYGALVI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (80)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TSFM

Entrez GeneID [10102](#)

GeneBank Accession# [NM_005726](#)

Protein Accession# [NP_005717.2](#)

Gene Name TSFM

Gene Alias COXPD3, EF-TS, EF-Tsmt

Gene Description Ts translation elongation factor, mitochondrial

Omim ID [604723 610505](#)

Gene Ontology [Hyperlink](#)

Gene Summary Synthesis of the 13 mitochondrial-encoded proteins occurs on a dedicated mitochondrial translation apparatus similar to that found in prokaryotes and requires, in addition to the tRNAs and rRNAs encoded in mtDNA, the concerted action of several translation factors and a large number of mitochondrial ribosomal proteins, all of which are encoded by nuclear genes. The TSFM gene encodes a mitochondrial translation elongation factor (Smeitink et al., 2006 [PubMed 17033963]).[supplied by OMIM]

Other Designations -